



## Complete Summary

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### TITLE

Obstetrics: percentage of inborn term babies transferred/admitted to a neonatal intensive care nursery or special care nursery for reasons other than congenital abnormality.

### SOURCE(S)

Australian Council on Healthcare Standards (ACHS). ACHS clinical indicator users' manual 2009. ULTIMO NSW: Australian Council on Healthcare Standards (ACHS); 2009 Jan. 853 p.

## Measure Domain

### PRIMARY MEASURE DOMAIN

Use of Services

The validity of measures depends on how they are built. By examining the key building blocks of a measure, you can assess its validity for your purpose. For more information, visit the [Measure Validity](#) page.

### SECONDARY MEASURE DOMAIN

Does not apply to this measure

## Brief Abstract

### DESCRIPTION

This measure is used to assess the percentage of inborn term babies transferred/admitted to a neonatal intensive care nursery or special care nursery for reasons other than congenital abnormality.

### RATIONALE

This indicator is included to determine whether the rate of admission of inborn term infants to special care nursery (SCN) or neonatal intensive care nursery (NICN) for reasons other than birth defects is principally due to non-avoidable factors. Inborn term infants without birth defects are not normally expected to be admitted to a SCN or NICN.

The indicator focuses on all admissions of term infants (without a birth defect), resulting from adverse events occurring in labour or immediate neonatal period, which require the facilities of SCN or NICN. This will include, but is not limited to term infants with:

- Low five-minute Apgar scores
- Birth trauma
- Early seizures/hypoxic ischaemic encephalopathy (HIE)
- Intrauterine growth restriction (IUGR)
- Sepsis

#### **PRIMARY CLINICAL COMPONENT**

Obstetrics; inborn term live babies; neonatal intensive care nursery (NICN); special care nursery (SCN)

#### **DENOMINATOR DESCRIPTION**

Total number of inborn term live babies (see the related "Denominator Inclusions/Exclusions" field in the Complete Summary)

#### **NUMERATOR DESCRIPTION**

Total number of inborn term babies transferred/admitted to a neonatal intensive care nursery (NICN) or special care nursery (SCN) for reasons other than congenital abnormality (see the related "Numerator Inclusions/Exclusions" field in the Complete Summary)

### **Evidence Supporting the Measure**

#### **EVIDENCE SUPPORTING THE VALUE OF MONITORING USE OF SERVICE**

- A formal consensus procedure involving experts in relevant clinical, methodological, and organizational sciences

### **Evidence Supporting Need for the Measure**

#### **NEED FOR THE MEASURE**

Monitoring and planning

#### **EVIDENCE SUPPORTING NEED FOR THE MEASURE**

Australian Council on Healthcare Standards (ACHS). Australasian clinical indicator report 2001-2007. Determining the potential to improve quality of care: 9th edition. ULTIMO NSW: Australian Council on Healthcare Standards (ACHS); 2008. 611 p.

## State of Use of the Measure

### STATE OF USE

Current routine use

### CURRENT USE

Monitoring and planning

## Application of Measure in its Current Use

### CARE SETTING

Hospitals

### PROFESSIONALS RESPONSIBLE FOR HEALTH CARE

Advanced Practice Nurses  
Physicians

### LOWEST LEVEL OF HEALTH CARE DELIVERY ADDRESSED

Single Health Care Delivery Organizations

### TARGET POPULATION AGE

Unspecified

### TARGET POPULATION GENDER

Female (only)

### STRATIFICATION BY VULNERABLE POPULATIONS

Unspecified

## Characteristics of the Primary Clinical Component

### INCIDENCE/PREVALENCE

Unspecified

### ASSOCIATION WITH VULNERABLE POPULATIONS

Unspecified

### BURDEN OF ILLNESS

Unspecified

## **UTILIZATION**

Unspecified

## **COSTS**

Unspecified

# **Institute of Medicine National Healthcare Quality Report Categories**

## **IOM CARE NEED**

Not within an IOM Care Need

## **IOM DOMAIN**

Not within an IOM Domain

# **Data Collection for the Measure**

## **CASE FINDING**

Users of care only

## **DESCRIPTION OF CASE FINDING**

Inborn term live babies

## **DENOMINATOR SAMPLING FRAME**

Patients associated with provider

## **DENOMINATOR INCLUSIONS/EXCLUSIONS**

### **Inclusions**

Total number of inborn\* term\*\* live babies

*\*Inborn baby* is defined as an infant born at the reporting hospital.

*\*\*Term* refers to gestation of equal to or greater than 37 weeks gestation.

Refer to the original measure documentation for the specific International Classification of Diseases, Tenth Revision, Australian Modification (ICD-10-AM) codes.

### **Exclusions**

Refer to the original measure documentation for the specific ICD-10-AM codes to be excluded.

## **RELATIONSHIP OF DENOMINATOR TO NUMERATOR**

All cases in the denominator are not equally eligible to appear in the numerator

### **DENOMINATOR (INDEX) EVENT**

Clinical Condition  
Institutionalization  
Therapeutic Intervention

### **DENOMINATOR TIME WINDOW**

Time window is a single point in time

### **NUMERATOR INCLUSIONS/EXCLUSIONS**

#### **Inclusions**

Total number of inborn term babies transferred/admitted to a neonatal intensive care nursery (NICN)\* or special care nursery (SCN)\*\* for reasons other than congenital abnormality

\*Neonatal intensive care nurseries are staffed and equipped to treat critically ill newborn babies including those requiring prolonged assisted respiratory support, intravenous therapy, and alimentation and treatment of serious infections. Full supportive services are readily available throughout the hospital. These NICN also provide consultative services to other hospitals.

\*\*Special care nurseries are staffed and equipped to provide a full range of neonatal services for the majority of complicated neonatal problems, including short-term assisted ventilation and intravenous therapy.

**Note:** The intent of this indicator is to measure the standards of care of the treating hospital/O&G and therefore:

- Admissions/transfers to a SCN or NICN within the treating (reporting) hospital should be included in the numerator.
- Transfers (from the reporting hospital) to a SCN or NICN in another hospital should be included in the numerator of the reporting hospital.
- The receiving hospital should not include transfers from another hospital in this indicator.

#### **Exclusions**

Admissions due to congenital abnormality are excluded. Clarification from clinicians should be sought if difficulty is encountered in determining congenital abnormality.

Refer to the original measure documentation for specific International Classification of Diseases, Tenth Revision, Australian Modification (ICD-10-AM) codes to be excluded.

### **MEASURE RESULTS UNDER CONTROL OF HEALTH CARE PROFESSIONALS, ORGANIZATIONS AND/OR POLICYMAKERS**

The measure results are somewhat or substantially under the control of the health care professionals, organizations and/or policymakers to whom the measure applies.

**NUMERATOR TIME WINDOW**

Institutionalization

**DATA SOURCE**

Administrative data  
Medical record

**LEVEL OF DETERMINATION OF QUALITY**

Does not apply to this measure

**PRE-EXISTING INSTRUMENT USED**

Unspecified

**Computation of the Measure****SCORING**

Rate

**INTERPRETATION OF SCORE**

Undetermined

**ALLOWANCE FOR PATIENT FACTORS**

Unspecified

**STANDARD OF COMPARISON**

External comparison at a point in time  
External comparison of time trends  
Internal time comparison

**Evaluation of Measure Properties****EXTENT OF MEASURE TESTING**

Unspecified

**Identifying Information****ORIGINAL TITLE**

Indicator area 10: all admissions of a term baby to special care nursery or neonatal intensive care nursery CI 10.1.

## **MEASURE COLLECTION**

[Australian Council on Healthcare Standards \(ACHS\) Equip Clinical Indicators](#)

## **MEASURE SET NAME**

[Obstetrics Indicators](#)

## **DEVELOPER**

Australian Council on Healthcare Standards

## **FUNDING SOURCE(S)**

Funding is direct Australian Council on Healthcare Standards (ACHS) funding sourced through our membership. ACHS does not receive external funding from the government or other sources.

## **COMPOSITION OF THE GROUP THAT DEVELOPED THE MEASURE**

Our terms of reference dictate the composition of the working parties that develop our indicators and include the following:

- Two Clinicians -- nominated by the relevant specialty college/association/society, one nominated to be the chair of the working party
- Private Hospital Representative -- nominated by the Australian Private Hospital Association
- Consumer Representative -- nominated by the Consumer Health Forum of Australia
- Coding Representative -- nominated by the National Centre for Clinical classification on Health
- Quality Health New Zealand, nominated by QHNZ (if applicable)
- Epidemiological/Clinical Research Representative, Director of Health Services Research Group, University of Newcastle
- Australian Council on Healthcare Standards (ACHS) Representatives -- Clinical Director, Coordinator, Administrative Assistant
- Other Expert Stakeholders, as required

## **FINANCIAL DISCLOSURES/OTHER POTENTIAL CONFLICTS OF INTEREST**

None

## **ADAPTATION**

Measure was not adapted from another source.

**RELEASE DATE**

1995 Jan

**REVISION DATE**

2009 Jan

**MEASURE STATUS**

This is the current release of the measure.

This measure updates a previous version: Australian Council on Healthcare Standards (ACHS). ACHS clinical indicator users' manual 2008. ULTIMO NSW: Australian Council on Healthcare Standards (ACHS); 2007 Dec. 776 p.

**SOURCE(S)**

Australian Council on Healthcare Standards (ACHS). ACHS clinical indicator users' manual 2009. ULTIMO NSW: Australian Council on Healthcare Standards (ACHS); 2009 Jan. 853 p.

**MEASURE AVAILABILITY**

The individual measure, "Indicator Area 10: All Admissions of a Term Baby to Special Care Nursery or Neonatal Intensive Care Nursery CI 10.1," is published in "ACHS Clinical Indicator Users' Manual 2009."

For more information contact, the Australian Council on Healthcare Standards (ACHS), 5 Macarthur Street, ULTIMO NSW 2007; Phone: (02) 9281 9955; Fax: (02) 9211 9633; E-mail: [pos@achs.org.au](mailto:pos@achs.org.au); Web site: [www.achs.org.au](http://www.achs.org.au).

**COMPANION DOCUMENTS**

The following is available:

- Australian Council on Healthcare Standards (ACHS). Australasian clinical indicator report 2001-2007. Determining the potential to improve quality of care: 9th edition. ULTIMO NSW: Australian Council on Healthcare Standards (ACHS); 2008. 611 p. This document is available in Portable Document Format (PDF) from the [Australian Council on Healthcare Standards \(ACHS\) Web site](http://www.achs.org.au).

**NQMC STATUS**

This NQMC summary was completed by ECRI Institute on October 21, 2008. This NQMC summary was updated by ECRI Institute on June 30, 2009.

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Date Modified: 10/5/2009

